



+ CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)  
HDI PIN ASSY 4 ROW 300 POS

[AMP-HDI](#) | [AMP-HDI](#)

1-532448-2  
TE Internal Number: 1-532448-2

Not EU RoHS Compliant  
Not EU ELV Compliant

**Connector Style** Plug  
**Number of Positions** 300  
**Centerline (Pitch)** 2.54 mm [ .1 in ]  
**Packaging Method** Tube  
**Contact Mating Area Plating Material** Gold

[↓](#) **PRODUCT DRAWING**  
English

[↓](#) **3D PDF**

DOCUMENTATION

Product Drawings  
**HDI, 4 ROW, PIN ASSEMBLY, 6.35 [.250] LONG ACTION PINS**  
PDF  
**English**

CAD Files  
**Customer View Model**  
3D\_STP.ZIP  
**English**

**Customer View Model**  
2D\_DXF.ZIP  
**English**

Customer View Model

3D\_IGS.ZIP

English

3D PDF

PDF

English

Product Specifications

Application Specification

AMP-HDI Connectors

PDF

English

Product Specification

Connector, Interconnect, High Density

PDF

English

Qualification Test Report

AMP-HDI Connectors

PDF

Japanese

AMP-HDI Connectors

PDF

English

AMP-HDI Connectors

TIF

English

Instruction Sheets

Instruction Sheet (U.S.)

AMP-HDI High Density Interconnection Printed Circuit (PC) Board Connectors

PDF

English

Agency Approvals

Agency Approval Document

SERIES HDI CONNECTOR REPORT

PDF

English

FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

Product Type Features

**Connector Style** Plug  
**Row-to-Row Spacing** 2.54 mm [ .1 in ]  
**PCB Mounting Orientation** Vertical  
**Boss** Without  
**Make First / Break Last** No  
**Product Type** Connector

Configuration Features

**Stackable** No  
**Number of Positions** 300  
**Number of Rows** 4  
**Center Guide** Without

Contact Features

**Solder Tail Contact Plating Material** Tin  
**Contact Configuration** Four-Beam  
**Underplate Material** Nickel  
**Contact Mating Area Plating Material** Gold  
**Contact Mating Area Plating Thickness (µin)** 30  
**Contact Current Rating (Max) (A)** 3  
**Contact Layout** Matrix  
**Contact Base Material** Phosphor Bronze  
**Contact Type** Pin

Termination Features

**Termination Method to PC Board** Through Hole  
**Termination Post Length** 6.35 mm [ .25 in ]

Mechanical Attachment

**Mating Alignment** Without  
**Mating Alignment Type** Keyed  
**PCB Mount Retention** With  
**PCB Mount Retention Type** Action/Compliant Tail

Housing Features

**Centerline (Pitch)** 2.54 mm [ .1 in ]  
**Housing Material** Thermoplastic  
**Housing Color** Black

Dimensions

**Mating Post Length (in)** .21  
**Height** 11.73 mm [ .462 in ]  
**Tail Length** 6.35 mm [ .25 in ]  
**PCB Thickness (Recommended)** 2.13 mm [ .093 in ]

Usage Conditions

**Operating Temperature Range (°C)** -65 – 125  
**Housing Material Temperature** High

Operation/Application

**Assembly Process Feature** Board Standoff  
**Pick and Place Cover** Without

Industry Standards  
**UL Flammability Rating** UL 94V-0

Packaging Features  
**Packaging Method** Tube  
**Packaging Quantity** 2

PRODUCT COMPLIANCE

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Statement of Compliance  
**Statement of Compliance**  
PDF